

Work Order ID 72663

Thursday, August 04, 2011 12:30:05 PM

Page 1

SHIP AUG 11



Item ID: D350-794-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 8/15/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

IIN-D350-794

C

100



DOCUMENT CONTROL

0.00

DC

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPPD350-794-013

CHG001

8/11/02/25

110



Pick Kit

0.00

Packaging

Memo

0.00

Packaging

11/8/08 SP

120



QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control

8/11/02/25

@

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 72663

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Item ID: D350-794-013

Accept



Setup Start



Revision ID:

Stop



Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 8/15/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

0.00



Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPPD350-794-013

Location: _____

PPP Rev: _____

PPD 72510

11/8/2011

140

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

11/8/3090

MF
11-08-29

W/O:		WORK ORDER CHANGES					
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Picklist Print

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Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 10.05.20 as per ecn10-562 DD verf:EC
 11.02.11 chg qty AN525-832R6 DD verf:EC
 adjusted pick list EC verified by DD
 IPP Rev:A
 IPP Rev C 11.06.06

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4022-041 Fuel Transfer Pump Assembly		Manufactured	No			110	Each	0.0000	1	1			
--	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

D4002-5 Hose Assembly		Manufactured	No			110	Each	5.0000	1	1			
--------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location Loc Qty Loc Code

ENG 2

55636 2

ST193 3

72240 3

D4003-047 Fuel Pump Inlet Pipe		Manufactured	No			110	Each	0.0000	1	1			
-----------------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

D4002-7 Hose Assembly		Manufactured	No			110	Each	5.0000	1	1			
--------------------------	--	--------------	----	--	--	-----	------	--------	---	---	--	--	--

Location Loc Qty Loc Code

ST187 4

72241 4

ST193 1

71186 1

W/O:		WORK ORDER CHANGES					
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Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

AN832-6D

Purchased

No

110

Each

27.0000

1

1

UNION

Location

Loc Qty

Loc Code

ST333

27

117909

8

118503

19

AN924-6D

Purchased

No

110

Each

34.0000

2

2

Nut

Location

Loc Qty

Loc Code

ST335

34

118422

14

118503

20

NAS1149D0963J

Purchased

No

110

Each

108.0000

2

2

Washer

Location

Loc Qty

Loc Code

ST298

108

116683

58

118078

50

AN815-6D

Purchased

No

110

Each

27.0000

2

2

Union-M-Flare

Location

Loc Qty

Loc Code

ST294

4

118503

4

ST329

23

118090

16

118368

7

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Shop Packet Print

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W/O:		WORK ORDER CHANGES					
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Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

MS29512-06

Purchased No

110 Each

4.0000

2

2



O-RING



M1185438

D4022-3

Manufactured No

110 Each

5.0000

1



Fuel Pump Mounting Bracket



1

Location

Loc Qty

Loc Code

ST288

4

117946

4

Location

Loc Qty

Loc Code

ENG

1

55197

1

ST450

2

72242

2

ST453

2

66460

2

AN3-4A

Purchased No

110 Each

557.0000

2



Bolt



2

Location

Loc Qty

Loc Code

ST350

557

104291

257

104625

300

MS21042-3

Purchased No

110 Each

97.0000

9

9



USE MS21042L3



M107441 11/8/11

Location

Loc Qty

Loc Code

ST299

97

114597

91

6931

6

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Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

AN970-3

Purchased No

110 Each

84.0000



Washers

Location

Loc Qty

Loc Code

ST349

84

115158

2

117395

82

Manufactured No

110 Each

2.0000

D4008-043



Fuel Pump Splash Guard Assembly

Location

Loc Qty

Loc Code

ST109

2

66458

2

Manufactured No

110 Each

4.0000

D4004-7



Hose Clip

Location

Loc Qty

Loc Code

GA

4

69337

4

Purchased No

110 Each

62.0000

AN525-10R6



Screw

Location

Loc Qty

Loc Code

ST325

62

113524

62

Manufactured No

110 Each

3.0000

D4001-3



Fitting

Location

Loc Qty

Loc Code

ST105

3

69501

3

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W/O:		WORK ORDER CHANGES					
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

CR3212-5-5

Purchased

No

110

Each

44.0000

7

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

44

115156

44

110

Each

122.0000

18

CR3213-4-3

Purchased

No

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

122

116583

22

118503

100

110

Each

0.0000

4

CR3212-4-3

Purchased

No

Cherry Rivet

MS20470AD4-6

Purchased

No

110

Each

2,115.000

12

Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

2115

117395

604

117887

1511

110

Each

9,060.000

32

MS20470AD3-4

Purchased

No

Rivet, Universal Head

Location

Loc Qty

Loc Code

ST319

9060

111477

8332

15541

728

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W/O:		WORK ORDER CHANGES					
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Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

MS20470AD5-6

Purchased

No

110

Each

1,232.000

16

16



Rivet

Location

Loc Qty

Loc Code

ST320

1232

105433

1232

110

Each

726.0000

6

16

6

11/8/9

MS20470AD5-8

Purchased

No



Rivet

Location

Loc Qty

Loc Code

ST320

726

114988

726

110

Each

130.0000

9

6

9

CR3213-5-2

Purchased

No



Cherry Rivet

Location

Loc Qty

Loc Code

ST312

130

115266

30

118503

100

110

Each

54.0000

6

9

6

CR3212-5-4

Purchased

No



Cherry Rivet

Location

Loc Qty

Loc Code

ST312

54

115158

54

110

Each

79.0000

3

6

3

CR3212-5-3

Purchased

No



Cherry Rivet

Location

Loc Qty

Loc Code

ST312

79

115158

79

3

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

CR3212-5-2

Purchased

No

110

Each

121.0000

10

10

Cherry Rivet

Location

Loc Qty

Loc Code

ST312

121

115158

21

118503

100

MS21919-WDG8

Purchased

No

110

Each

50.0000

2

2

Clamp

Location

Loc Qty

Loc Code

ST307

50

100202

50

D4003-11

Manufactured

No

110

Each

3.0000

1

1

Vent Pipe - Tank

Location

Loc Qty

Loc Code

ST105

3

71706

3

D4003-049

Manufactured

No

110

Each

2.0000

1

1

Tank Vent Line Assembly

Location

Loc Qty

Loc Code

ST193

2

66850

2

D4027-043

Manufactured

No

110

Each

0.0000

1

1

Hose Clamp Assembly

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Picklist Print

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Page 8

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D4063-3

Manufactured No

110

Each

2.0000



Hose



B72602 11/8/11

Location

Loc Qty

Loc Code

ST187

2

69504

2

2000-8S

Purchased No

110

Each

14.0000



Hose Clamp



2

Location

Loc Qty

Loc Code

ST448

14

117511

4

118503

10

NAS43DD3-32N

Purchased No

110

Each

32.0000



Spacer



2

Location

Loc Qty

Loc Code

ST278

29

117505

5

118503

24

ST279

3

115815

3

MS35207-267

Purchased No

110

Each

39.0000



Screw



11/8/11

Location

Loc Qty

Loc Code

ST295

39

117395

39

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W/O:		WORK ORDER CHANGES					
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Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

MS35207-264

Purchased

No

110

Each

30.0000



Screw



3
5/8

Location

Loc Qty

Loc Code

ST295

30

116997

30

NAS1149D0332J

Purchased

No

110

Each

2,582.000



Washer



3
4

Location

Loc Qty

Loc Code

ST297

1475

117087

1475

ST298

1107

105793

12

118078

95

118384

1000

MS21919-WDG6

Purchased

No

110

Each

29.0000



Clamp



1
5/8

Location

Loc Qty

Loc Code

ST307

29

15993

19

4067

8

7637

2

D4009-041

Manufactured

No

110

Each

0.0000



Bonding Braid

D4005-1

Manufactured

No

110

Each

0.0000



Rear Restraint Angle Gutter



2
B72443
1
B72442
11/8/85

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D4004-11 Manufactured No 110 Each 0.0000



Top Strap Attach Bracket

D4004-5 Manufactured No 110 Each 1.0000



Bottom Strap Attach Bracket



B72275



B726035

Location Loc Qty Loc Code

ST106 1
68504 1
110 Each 158.0000

MS24694-S50

Purchased No



Screw



3
sf

Location Loc Qty Loc Code

ST289 150
117739 50
118078 100
ST298 8
116900 8

NAS1149F0363P

Purchased No



Washer



3
sf

11/8/12

Location Loc Qty Loc Code

ST275 144
113254 44
114382 100

D4024-041

Manufactured No



Restraint Strap



3

B72604 11/8/20 sf

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Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D4004-041

Manufactured No

110 Each

1.0000

Side Restraint Angle

Location

Loc Qty

Loc Code

ST110

1

67722

1

D4007-3

Manufactured No

110 Each

0.0000

Support

D4006-041

Manufactured No

110 Each

1.0000

Tank Top Support Assembly

Location

Loc Qty

Loc Code

ST107

1

67721

1

AN4-5A

Purchased No

110 Each

231.0000

Bolt

Location

Loc Qty

Loc Code

ST355

200

117508

200

ST356

31

116549

31

NAS1149F0463P

Purchased No

110 Each

121.0000

Washer

Location

Loc Qty

Loc Code

ST275

121

116702

121

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Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D4005-041

Manufactured No

110

Each

1.0000



Fwd Floor Gutter

372608 sf 11/8/25

Location

Loc Qty

Loc Code

ST110

1

67724

1

D4063-1

Manufactured No

110

Each

4.0000



Hose

sf

Location

Loc Qty

Loc Code

ENG

2

55911

2

ST187

2

69503

2

MS21919-WDG9

Purchased No

110

Each

381.0000



Clamp

sf 11/8/25

Location

Loc Qty

Loc Code

ST307

181

118234

31

118354

30

118406

120

ST309

200

118455

200

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:12 PM

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

2000-6S

Purchased

No

110

Each

17.0000



Hose Clamp

Location

Loc Qty

Loc Code

ST448

17

115723

2

117511

5

118503

10

NAS1474-08

Purchased

No

110

Each

1.0000



Sealed Captive Anchor Nut

Location

Loc Qty

Loc Code

ST277

1

117560

1

D4005-11

Manufactured

No

110

Each

1.0000



Finishing Strip

Location

Loc Qty

Loc Code

ST106

1

59505

1

MS21059L08

Purchased

No

110

Each

277.0000



Nut

Location

Loc Qty

Loc Code

ST301

277

112314

200

12706

77

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:12 PM

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

AN525-832R6

Purchased

No

110

Each

34.0000

9 9



Screw



9 9

Location

Loc Qty

Loc Code

ST326

34

114884

34

D8-603

Purchased

No

110

Each

12.0000

1



ECF Fuse, 6.3 amps (HA23-6U3)



1

Location

Loc Qty

Loc Code

ST285

12

115677

3

117383

9

D1-205

Purchased

No

110

Each

12.0000

1



ECF Fuse, 2.5 amps (HA21-2U5)



1

Location

Loc Qty

Loc Code

ST285

12

115677

4

117383

8

MS35058-23

Purchased

No

110

Each

13.0000

1



Switch



1

Location

Loc Qty

Loc Code

ST294

13

116913

1

117317

1

117395

1

118503

10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:12 PM

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

107-964	Purchased	No		110	Each	4.0000		
Connector Receptacle								
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST	4				
			118515	4				
107-978	Purchased	No		110	Each	1.0000		
Connector Backshell								
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST398	1				
			117160	1				
107-943	Purchased	No		110	Each	1.0000		
Connector Plug								
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST398	1				
			116685	1				
MS35206-217	Purchased	No		110	Each	98.0000		
Screw								
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST294	98				
			118503	98				
NAS1149FN416P	Purchased	No		110	Each	864.0000		
Washer								
			<u>Location</u>	<u>Loc Qty</u>		<u>Loc Code</u>		
			ST275	864				
			101389	703				
			115698	161				

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:12 PM

Work Order ID: 72663



Parent Item: D350-794-013



Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

MS21044N04



Nut

Purchased

No

110

Each

18.0000

4

4

Location

Loc Qty

Loc Code

ST301

18

117460

18

110

Each

4.0000

1

1

143-207



Plug

Purchased

No

Location

Loc Qty

Loc Code

ST398

4

115415

4

110

Each

4.0000

1

1

143-208



Receptacle

Purchased

No

Location

Loc Qty

Loc Code

ST398

4

115415

2

115514

2

110

Each

1.0000

1

1

143-204



Receptacle Housing

Purchased

No

Location

Loc Qty

Loc Code

ST398

1

115415

1

110

Each

1.0000

1

1

143-203



Plug Housing

Purchased

No

Location

Loc Qty

Loc Code

ST398

1

115415

1

Thursday, August 04, 2011 12:30:12 PM

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Thursday, August 04, 2011 12:30:12 PM

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

8 143-219 Purchased No
Crimp Pin

110 Each 64.0000

Location Loc Qty Loc Code
ST398 64

115459

64

110 Each 986.0000

5 143-217 Purchased No
Crimp Socket

Location Loc Qty Loc Code
ST396 986

115459

986

110 Each 0.0000

8 D4026-041 Manufactured No
Fuel Gauge Assembly

5 NAS1149FN832P Purchased No
Washer

110 Each 163.0000

Location Loc Qty Loc Code
ST275 163

115158

163

110 Each 79.0000

5 MS21042-08 Purchased No
USE MS21042L08

Location Loc Qty Loc Code
ST299 79

103668

79

110 Each 0.0000

5 444-2556 MHA 106D Purchased No
Gauge Master Switch

Thursday, August 04, 2011 12:30:12 PM

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:12 PM

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D4022-5
Thermal Switch

Manufactured No

110 Each 1.0000

372635 sf 11/8/22

Location Loc Qty Loc Code

ST110 1

64945 1

110 Each 2.0000

1118582

AN5800-1
Placard Holder

Purchased No

Location Loc Qty Loc Code

ST328 2

116330 2

110 Each 22.0000

51

AN929-6D
Nut

Purchased No

Location Loc Qty Loc Code

ST336 22

115001 2

118503 20

110 Each 5.0000

11010 sf

D3997-1
Placard

Manufactured No

Location Loc Qty Loc Code

ST104 5

68930 2

71177 3

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:13 PM

Work Order ID: 72663

Parent Item: D350-794-013

Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D3997-5

Manufactured No

110

Each

6.0000

1



Placard

Location

Loc Qty

Loc Code

ST104

6

71170

6

D3997-7

Manufactured No

110

Each

2.0000

1



Placard

Location

Loc Qty

Loc Code

ST104

2

55403

2

D3997-9

Manufactured No

110

Each

2.0000

1



Placard

Location

Loc Qty

Loc Code

ST104

2

55405

2

D3997-11

Manufactured No

110

Each

3.0000

1



Placard

Location

Loc Qty

Loc Code

ST104

3

65124

3

D3997-13

Manufactured No

110

Each

2.0000

1



Placard

Location

Loc Qty

Loc Code

ST104

2

55408

2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Picklist Print

Thursday, August 04, 2011 12:30:13 PM

Work Order ID: 72663



Parent Item: D350-794-013



Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D3997-15
Placard

Manufactured No

110 Each

2.0000



1
B72616

Location

Loc Qty

Loc Code

ST104

2

55409

2

D3997-17
Placard

Manufactured No

110 Each

3.0000



1
1

Location

Loc Qty

Loc Code

ST104

3

65125

3

D3997-19
Placard

Manufactured No

110 Each

2.0000



1
B72618 11/8/15

Location

Loc Qty

Loc Code

ST104

2

55411

2

D3997-21
Placard

Manufactured No

110 Each

1.0000



1
B72619

Location

Loc Qty

Loc Code

ST104

1

55412

1

D3997-23
Placard

Manufactured No

110 Each

1.0000



1
B72620 11/8/15

Location

Loc Qty

Loc Code

ST104

1

55413

1

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Thursday, August 04, 2011 12:30:13 PM

Work Order ID: 72663



Parent Item: D350-794-013



Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D3997-25 Manufactured No

110 Each

4.0000

1



Placard



1

Location

Loc Qty

Loc Code

ST104

4

55414

4

D3997-29 Manufactured No

110 Each

3.0000

1



Placard



1

Location

Loc Qty

Loc Code

ST104

3

55126

3

D3997-31 Manufactured No

110 Each

2.0000

1



Placard



B72623 8/15/11

Location

Loc Qty

Loc Code

ST104

2

55417

2

D3997-33 Manufactured No

110 Each

1.0000

1



Placard



B72624 11/15/11

Location

Loc Qty

Loc Code

ST104

1

55418

1

D3997-35 Manufactured No

110 Each

2.0000

1



Placard



B72625 11/15/11

Location

Loc Qty

Loc Code

ST104

2

55419

2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Thursday, August 04, 2011 12:30:13 PM

Work Order ID: 72663



Parent Item: D350-794-013



Parent Item Name: Auxiliary Fuel Tank Provisions

Start Date: 8/4/2011

Required Date: 8/15/2011

Start Qty: 1.00

Required Qty: 1.00

D3997-37 Manufactured No

110 Each 2.0000



Placard

1 1
B726268

Location

Loc Qty

Loc Code

ST104

2

55420

2

D3997-39 Manufactured No

110 Each 2.0000



Placard

1 1
B726275

Location

Loc Qty

Loc Code

ST104

2

55425

2

D3997-41 Manufactured No

110 Each 2.0000



Placard

1 1
B726285

Location

Loc Qty

Loc Code

ST104

2

55421

2

D3997-43 Manufactured No

110 Each 2.0000



Placard

1 1
B72629 11/8/11

Location

Loc Qty

Loc Code

ST104

2

65127

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

4.0 ELECTRICAL LOAD

The electrical load effect for each aircraft must be assessed as follows.

Component	Load
Fuel Pump	3.00 Amps
Fuel Gauge	0.45 Amps
Fuel Sender	0.13 Amps
Total Installation	3.58 Amps = 100 Watts

5.0 WEIGHT AND BALANCE

The following is the weight increase associated with the Aux Fuel Tank Installation. Be sure to subtract the weight of any parts or material removed.

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-794-011 Auxiliary Fuel Tank (AS350 models)	29.8 lb 13.5 kg	-22.0 in -0.56 m	-655.6 in-lb -7.56 m-kg	126.0 in 3.20 m	3754.8 in-lb 43.2 m-kg
D350-794-013 Auxiliary Fuel Tank Provisions (AS350 models)	5.5 lb 2.5 kg	-14.6 in -0.37 m	-80.3 in-lb -0.93 m-kg	163.4 in 4.15 m	898.7 in-lb 10.4 m-kg
D130-794-021 Auxiliary Fuel Tank (EC130 models)	29.8 lb 13.5 kg	-23.6 in -0.60 m	-703.3 in-lb -8.1 m-kg	126.0 in 3.20 m	3754.8 in-lb 43.2 m-kg
D130-794-023 Auxiliary Fuel Tank Provisions (EC130 models)	5.5 lb 2.5 kg	-16.1 in -0.41 m	-88.6 in-lb -1.03 m-kg	163.4 in 4.15 m	898.7 in-lb 10.4 m-kg

6.0 PARTS LIST

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
X					D350-794-011		AUXILIARY FUEL TANK (AS 350 SERIES)
1	X				D350-794-013		AUXILIARY FUEL TANK PROVISIONS (AS 350 SERIES)
		X			D130-794-021		AUXILIARY FUEL TANK (EC 130 SERIES)
		1	X		D130-794-023		AUXILIARY FUEL TANK PROVISIONS (EC 130 SERIES)
1		1		X	D350-794-041		TANK ASSEMBLY
				1	D4055-041	JCA/M47-1-01A	FUEL TANK
	1		1		D4022-041	A8150-B1-JCA	FUEL TRANSFER PUMP ASSEMBLY
				1	D4023-1	ER281	FUEL CAP
	1		1		D4002-5	JCA-M47-2-13	SUPPLY HOSE – FROM AUX TANK
	1		1		D4003-047	JCA-M47-2-16	FUEL PUMP INLET PIPE
	1		1		D4002-7	JCA-M47-2-25	SUPPLY HOSE – PUMP TO MAIN TANK FILLER NECK
				1	D4002-041	JCA-M47-1-13	DRAIN HOSE ASSEMBLY – FRONT
				1	D4002-043	JCA-M47-1-16	DRAIN HOSE ASSEMBLY – REAR
				2	MS20822-3D		UNION
	1		1		AN832-6D		BULKHEAD UNION
				1	AN816-6D		STRAIGHT FITTING
	2		2		AN924-6D		NUT (ALTERNATE AS5178D06)
	2		2		NAS1149D0963J		WASHER

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Revision: C
Date: 10.01.25

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
				1	MS20822-8D		90° FITTING
	2		2		AN815-6D	/	UNION
	2		2		MS29512-06	/	ORING
	1		1		D4022-3	05-00021	FUEL PUMP MOUNTING BRACKET
	2		2		AN3-4A	/	BOLT
	2		2		MS21042-3	/	NUT
	2		2		AN970-3	/	WASHER
	1		1		D4008-043	JCA-M47-2-29	FUEL PUMP SPLASH GUARD
	1		1		D4004-7	N3	HOSE CLIP
				2	D4009-041	JCA-M47-4-01	BONDING BRAID
				1	D4008-041	JCA-M47-2-26	AUXILIARY TANK FILLER SPLASH GUARD
/ 4			4		AN525-10R6	/	SCREW
1			1		D4001-3	AN832-6D-JCA	BULKHEAD FITTING - MODIFIED
7			7		CR3212-5-5	/	CHERRY MAX RIVET
18			18		CR3213-4-3	/	CHERRY MAX RIVET
4			4		CR3212-4-3	/	CHERRY MAX RIVET
12			12		MS20470AD4-6	/	RIVET
32			32		MS20470AD3-4	/	RIVET
16			16		MS20470AD5-6	/	RIVET
6			6		MS20470AD5-8	/	RIVET
9			9		CR3213-5-2	/	CHERRY MAX RIVET
6			6		CR3212-5-4	/	CHERRY MAX RIVET
3			3		CR3212-5-3	/	CHERRY MAX RIVET
10			10		CR3212-5-2	/	CHERRY MAX RIVET
							Vent Assembly Parts
2			2		MS21919WDG-8	/	CLAMP
1			1		D4003-11	JCA-M47-2-21	VENT PIPE - TANK
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
/ 1			1		D4003-049	JCA-M47-2-17	VENT PIPE - TANK
1			1		D4027-043	JCA-M47-2-35	VENT CLAMP ASSEMBLY
/ 1			1		D4063-3	193-8	VENT HOSE
/ 2			2		2000-8S	/	HOSE CLAMP
1			1		NAS43DD3-32N	/	SPACER
1			1		MS35207-267	/	SCREW
2			2		MS35207-264	/	SCREW
3			3		NAS1149D0332J	/	WASHER
3			3		MS21042-3	/	NUT
				3	TBA28B	/	CABLE TIE FASTENER
				1	TY25MX	/	TIE WRAP
1			1		MS21919WDG-6	/	CLAMP (RUBBER REMOVED)
1			1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
							Restraint Assembly Parts
1			1		D4005-1	JCA-M47-2-03	REAR RESTRAINT ANGLE/GUTTER
1			1		D4004-11	JCA-M47-2-11	TOP STRAP ATTACH BRACKET
1			1		D4004-5	JCA-M47-2-23	BOTTOM STRAP ATTACH BRACKET
/ 3			3		MS24694-S50	/	SCREW
3			3		MS21042-3	/	NUT
/ 3			3		NAS1149F0363P	/	WASHER
1			1		D4024-041	JCA/ASSO/MIN	ANCRA RESTRAINT STRAP
1			1		D4004-041	JCA-M47-2-19	SIDE RESTRAINT ANGLE
1			1		D4007-3	JCA-M47-2-18	TOP SUPPORT BRACKET
1			1		D4006-041	JCA-M47-2-01	TANK TOP SUPPORT ASSEMBLY

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Revision: C

Date: 10.01.25

Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
	2		2		AN4-5A		BOLT
	2		2		NAS1149F0463P	/	WASHER
							Locker Preparation Parts
	1		1		D4005-041	JCA-M47-2-22	FORWARD FLOOR GUTTER
	1		1		D4063-1	193-6	DRAIN HOSE
	1		1		MS21919WDG-9		CLAMP
	1		1		MS35207-264		SCREW
	1		1		NAS1149D0332J		WASHER
	1		1		MS21042-3		NUT
	1		1		2000-6S		HOSE CLAMP
	3		3		NAS1474-08		SEALED CAPTIVE ANCHOR NUT
	1		1		D4005-11	JCA-M47-2-12	FINISHING STRIP
	4		4		MS21059-L08		ANCHOR NUT
	7		7		AN525-832R6		SCREW
							Electrical Parts
	1		1		D8-603		6.3A ECF FUSE (ALTERNATE HA23-6U3)
	1		1		D1-205		2.5A ECF FUSE (ALTERNATE HA21-2U5)
	1		1		MS35058-23		SWITCH
	1		1		107-964		CONNECTOR RECEPTACLE
	1		1		107-978		CONNECTOR BACKSHELL (ALTERNATE 105-5465)
	1		1		107-943		CONNECTOR PLUG
				1	D4025-1	VDO-M47-JCA	FUEL QUANTITY SENDER
	4		4		MS35206-217		SCREW
	4		4		NAS1149FN416P		WASHER
	4		4		MS21044N04		NUT
	1		1		143-207		PLUG
	1		1		143-208		RECEPTACLE
	1		1		143-204		RECEPTACLE HOUSING (ALTERNATE 973-1490)
	1		1		143-203		PLUG HOUSING (ALTERNATE 973-1482)
	5		5		143-219		CRIMP PIN (ALTERNATE 977-3800)
	5		5		143-217		CRIMP SOCKET (ALTERNATE 977-3797)
	1		1		D4009-041	JCA-M47-4-01	BONDING BRAID ASSEMBLY
	1		1		D4026-041	FL-100-R-JCA	FUEL GAUGE
	2		2		AN525-832R6		SCREW - GROUND STUD
	2		2		NAS1149FN832P		WASHER
	2		2		MS21042-08		NUT
	1		1		444-2556		GAUGE MASTER SWITCH
	1		1		D4022-5	3775628	THERMAL SWITCH (125°) - FARNELL (ALTERNATE 100-6847)
							General
	1		1		AN5800-1		PLACARD HOLDER
	1		1		AN929-6D		BLANK CAP
							Additional EC 130 Parts
			3		MS35207-264		SCREW
			3		NAS1149D0332J		WASHER
			3		MS21042-3		NUT
			1		D4027-041	JCA-M47-2-20	VENT CLAMP ASSEMBLY
			1		D4004-043	JCA-M47-2-04	SIDE RESTRAINT ANGLE AND TIE DOWN POINT

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Revision: C
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Qty -011	Qty -013	Qty -021	Qty -023	Qty -041	Part Number	Superseded Part Numbers	Description
			1		D4005-5	JCA-M47-2-06	ANGLE
			4		D4005-7	JCA-M47-2-07	ANGLE
			1		D4005-9	JCA-M47-2-08	ANGLE
			1		D4007-1	JCA-M47-2-02	TOP SUPPORT BRACKET
			1		D4005-3	JCA-M47-2-05	FORWARD RESTRAINT BEAM
			2		AN4-6A		BOLT
			1		D4007-5	JCA-M47-2-24	PACKER
			60		MS20470AD4-4		RIVET
			30		MS20470AD4-6		RIVET
			10		CR3213-4-3		CHERRY MAX RIVET
			10		CR3213-4-2		CHERRY MAX RIVET
							Placards
1					D3997-1	JCA-M47-P1	FUEL QUANTITY – AS 350 MODELS
			1		D3997-3	JCA-M47-P2	FUEL QUANTITY – EC 130 B4 MODEL
1			1		D3997-5	JCA-M47-P3	AUX FUEL DRAIN
1			1		D3997-7	JCA-M47-P4	AUX FUEL TRANSFER PUMP
1			1		D3997-9	JCA-M47-P5	AUX FUEL
1			1		D3997-11	JCA-M47-P6	WEIGHT AND BALANCE
1			1		D3997-13	JCA-M47-P7	ON/OFF
1			1		D3997-15	JCA-M47-P8	CHECK LOCKER TANK
1			1		D3997-17	JCA-M47-P9	STOWAGE PROHIBITED
1			1		D3997-19	JCA-M47-P10	TANK VENT
1			1		D3997-21	JCA-M47-P13	SWITCH FIXED
1			1		D3997-23	JCA-M47-P14	AUX FUEL
1					D3997-25	JCA-M47-P15	CONVERSION CHART – AS 350 MODELS
			1		D3997-27	JCA-M47-P16	CONVERSION CHART – EC 130 B4 MODEL
1			1		D3997-29	JCA-M47-P17	DO NOT OVERFILL WARNING
1			1		D3997-31	JCA-M47-P18	ON/OFF
1			1		D3997-33	JCA-M47-P19	AUX GAUGE FACE
1			1		D3997-35	JCA-M47-P20	AUX FUEL GAUGE
1			1		D3997-37	JCA-M47-P21	6.3 A CIRCUIT BREAKER
1			1		D3997-39	JCA-M47-P22	2.5A CIRCUIT BREAKER
1			1		D3997-41	JCA-M47-P23	AUX TANK NOT FITTED
1			1		D3997-43	JCA-M47-P24	EARTH